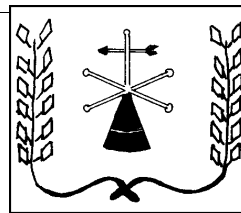


WEATHERMAN
INTEREST BADGE


Date Passed

Signed

1. Keep from your own observation a daily record of the weather for one month, using Beaufort letters and symbols, and including the following:

- a) Wind force and direction
- b) Cloud-types and conditions
- c) Temperatures
- d) Barometer readings
- e) Rainfall

_____ 1

2. Construct a simple rain gauge and a wind vane and use these instruments to record the wind direction and rainfall for (1).

_____ 2

3. Explain the formation of rain, thunderstorms, snow, sleet, hail, fog and rime.

_____ 3

4. Recognise and name six different cloud formations and explain their significance.

_____ 4

5. Explain the purposes and principles of

- a) simple thermometer
- b) wet and dry thermometer
- c) barometer
- d) anemometer

_____ 5

6. Understand the following:

- a) relative humidity
- b) dew-point
- c) pressure
- d) isobar
- e) isotherm
- f) Buys-Ballot's Law
- g) cold front and warm front

Illustrate any explanation with a diagram.

_____ 6

7. Explain how weather forecasts are compiled and how this information is disseminated to the public. Have a knowledge of synoptic weather maps and be able to read one. Explain how radar, satellites and electronics are used in weather forecasting.

_____ 7

8. Discuss with the examiner at least two natural signs foretelling fine weather and two foretelling bad weather as applicable to your own Provincial.

_____ 8